

Appendix H: Power consumption

Peripherals in shaded areas are not calculated.

Table H-1
Power consumption calculation for MIVR 2.0/I

Board/Peripheral	Current in Amperes				
	+3.3V	+5V	-5V	+12V	-12V
System Baseboard and CPU		10.0 A		0.06A	0.06A
Cooling fan (for two)				0.6A	
3.5-inch floppy drive		0.5A			
1.2 Gbyte SCSI hard drive		0.70A		0.38A	
Second 1.2 Gbyte drive		0.70A		0.38A	
2.5 Gbyte tape drive		1.0A		2.0A	
USRobotics 14 400 Modem		0.7A			
PCI Slot 3 (A): Ethernet Card		2.0A			
PCI Slot 2 (B): Reserved for future use					
PCI Slot 1 (C): CAN NOT USE					
EISA Slot 6: Fax (VFX -40E)		2.5A		0.175 A	0.125 A

H-2 Power consumption

Table H-1

Power consumption calculation for MIVR 2.0/I (Continued)

Board/Peripheral	Current in Amperes				
EISA Slot 5: Fax (VFX-40E)		2.5A		0.175 A	0.125 A
EISA Slot 4: Fax (VFX-40E) (not used)		2.5A		0.175 A	0.125 A
EISA Slot 3: Apertus Host Connectivity board Sync570 (RS-232)		0.75A		0.04A	0.04A
EISA Slot 3: Apertus Host Connectivity (Madge Token-Ring)		1.10A			
EISA Slot 3: LAN or Native Token-Ring (Madge card)		1.10A			
EISA Slot 2: Digiboard (8 serial boards)		1.8A		0.130 A	0.110 A
EISA Slot 2: LAN or Native Token-Ring		1.10A			
EISA Slot 1: Digiboard (8 serial boards)		1.8A		0.130 A	0.110 A
Total Amperes used		24.95		4.07	0.57
Total Available Amperes	32.0A	40.0A	0.5A	17.0A	1.0A
Watts used		124.8		48.84	6.84
TOTAL Wattage (max should be lower than 524W)		180.5			

Note: Peripherals in shaded area are not calculated.

The following diagram illustrates the orientation of the slots on Altserver motherboard:

Figure A-2
Altserver motherboard slots

